

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<b>AIRPORT ID</b> ABR	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 17	<b>ORIGINAL/AMENDMENT</b> ORIG-A	<b>CITY</b> ABERDEEN	<b>STATE</b> SD
<b>AIRPORT ELEVATION</b> 1302	<b>TDZE</b> 1302	<b>SUPERSEDED</b> RNAV (GPS) RWY 17	<b>DATED</b> 03/02/2017	<b>MAG VAR</b> 7E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2000
			<b>CANCEL/SUSPEND</b>	

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 083/30 CW 263/30	NOPT	083/15 CW 263/15		3800
2. 083/15 CW 263/15		FISPO	IF/IAF	3000
3. 263/30 CW 083/30		263/15 CW 083/15		3500
4. 263/15 CW 083/15		FISPO	IF/IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FISPO	IF/IAF	ISISE		TF	FB	1.00	172.94	6.10	3000
ISISE	FAF	SCAMP/2.10 NM TO RW17		TF	FB	0.30	172.94	3.11	
SCAMP/2.10 NM TO RW17		RW17	MAP	TF	FO	0.30	172.94	2.10	
RW17	MAP	1502 MSL		CA			172.94		
1502 MSL		GOLUY		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW17

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT GOLUY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- |  |                       |                                   |                       |                              |                      |                               |  |            |  |  |  |  |  |  |
|--|-----------------------|-----------------------------------|-----------------------|------------------------------|----------------------|-------------------------------|--|------------|--|--|--|--|--|--|
| 1. <b>PT</b>   | <b>SIDE OF COURSE</b> | <b>OUTBOUND</b>                   | <b>FT WITHIN</b>      | <b>MILES OF</b>              | <b>(IAF)</b>         |                               |  |            |  |  |  |  |  |  |
| 2. HOLD N FISPO, RT, 172.94 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. |                       |                                   |                       |                              |                      |                               |  |            |  |  |  |  |  |  |
| 3. <b>FAC:</b> 172.94  |                       | <b>FAF:</b> ISISE                 |                       | <b>DIST FAF TO MAP:</b> 5.21 |                      | <b>DIST FAF TO THLD:</b> 5.21 |  |            |  |  |  |  |  |  |
| 4. <b>MIN ALT:</b> FISPO 3000, ISISE 3000, SCAMP/2.10 NM TO RW17 2000    |                       |                                   |                       |                              |                      |                               |  |            |  |  |  |  |  |  |
| 5. <b>DIST TO THLD FROM OM:</b>  |                       | <b>MM:</b>                        | <b>IM:</b>            | <b>150 HAT:</b>              | <b>200 HAT:</b> 0.50 | <b>GS ANT:</b>                |  |            |  |  |  |  |  |  |
| 6. <b>MIN GP INCPT:</b> 3000   |                       | <b>GP ALT AT PFAF:</b> ISISE 3000 |                       |                              | <b>OM:</b>           | <b>MM:</b>                    |  | <b>IM:</b> |  |  |  |  |  |  |
| 7. <b>GP ANGLE:</b> 3.00   |                       | <b>34:1:</b> IS CLEAR             | <b>20:1:</b> IS CLEAR | <b>TCH:</b> 40.0             |                      |                               |  |            |  |  |  |  |  |  |
| 8. <b>MSA FROM:</b>  |                       |                                   |                       |                              |                      |                               |  |            |  |  |  |  |  |  |

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD S, RT, 352.94 INBOUND.  
 CHART FAS OBST: 1460 BUILDING (46-040439) 452842N/0982504W.  
 CHART VDP AT 1.18 NM TO RW17.  
 WAAS CHANNEL # 56340  
 REFERENCE PATH ID: W17A  
 LTP HAE: 372.3 M

**MINIMUMS:**

**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA  STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1502	1	200	1502	1	200	1502	1	200	1502	1	200				
LNAV/VNAV DA	1624	1	322	1624	1	322	1624	1	322	1624	1	322				
LNAV MDA	1720	1	418	1720	1	418	1720	1 1/8	418	1720	1 1/8	418				
CIRCLING	1760	1	458	1860	1	558	1980	2	678	2160	2 3/4	858				



**CHANGES - REASONS**

1. PROFILE LINE 2: REMOVED "FT" FROM HOLD IN LIEU ALTITUDE AND ADDED "MAX 6000" - IAW 8260.19K 8-6-7 B(2).
2. PROFILE LINE 4: REMOVED ASTERISK FROM "SCAMP/2.10 NM TO RW17 2000\*" - NO LONGER REQUIRED.
3. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19K 8-6-7 G(3)(A).
4. PBN REQUIREMENTS NOTES: ADDED "RNP APCH - GPS" AND REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" FROM NOTES - IAW 8260.19K 8-6-8D.
5. NOTES: REMOVED FAHRENHEIT VALUES FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F)" - IAW 8260.19K 8-6-10R.
6. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "1412 TOWER 452721N/0982447W" TO "1460 BUILDING (46-040439) 452842N/0982504W" - NEW FINAL CONTROLLING OBSTACLE.
7. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HAT: 0.51 NM" AND ADDED "DIST TO THLD FROM 200 HAT: 0.50" TO PROFILE LINE 5 - NEW SURVEY; IAW 8260.19K 8-6-7 E(3).
8. ADDITIONAL FLIGHT DATA: CHANGED VDP NOTE FROM "CHART VDP AT 1.19 NM TO RW17\*" TO "CHART VDP AT 1.18 NM TO RW17" AND REMOVED "\*\*LNAV ONLY" - NEW EVALUATION; "\*\*LNAV ONLY" AND ASTERISK NO LONGER REQUIRED.
9. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM 371.9 M TO 372.3 M - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+03719" TO "+03723" IN FAS DATA.
10. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19K 8-6-12 B(4).
11. MINIMUMS: RAISED LPV VISIBILITIES ALL CATS FROM 3/4 TO 1 - IAW 8260.3G TABLE 3-3-1.
12. MINIMUMS: LOWERED LNAV/VNAV VISIBILITIES ALL CATS FROM 1 1/8 TO 1 - IAW 8260.3G TABLE 3-3-1.
13. MINIMUMS: RAISED CIRCLING CAT C CMDA/HAA FROM 1960/658 TO 1980/678 AND VISIBILITY FROM 1 3/4 TO 2 - INCORPORATED NOTAM FDC: 5/7556, NEW TOWER AFFECTS CIRCLING CAT C MINIMUMS; VISIBILITY IAW 8260.3G TABLE 3-3-1.
14. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "F18D2C14" TO "EBA8AB9D" - LTP/FTP LONGITUDE CHANGED FROM "0982538.4400W" TO "0982538.4410W", FPAP LONGITUDE CHANGED FROM "0982538.3145W" TO "0982538.3120W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED, LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +03965 TO +03968.

**COORDINATED WITH:**

**A4A** 
**ALPA** 
**AOPA** 
**APA** 
**HAI** 
**NBAA** 
**OTHER:** ZMP, AMGR, ATA

**FLIGHT CHECKED BY**

PAUL A GOSDEN

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Feb 18, 2026

**OFFICE**

AJF

**DATE**

02/17/2026

**DEVELOPED BY**

CASIMIR L. TABAKA (HOPE N. DENTON)

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Feb 18, 2026

**OFFICE**

AJV-A432

**DATE**

12/29/2025

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Feb 18, 2026

**OFFICE**

AJV-A432

**DATE**

**TITLE**  
MANAGER



AIRPORT ID  
ABR

PROCEDURE NAME  
RNAV (GPS) RWY 17

ORIGINAL/AMENDMENT  
ORIG-A

CITY  
ABERDEEN

STATE  
SD

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KABR
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	452707.7620N
LTP/FTP LONGITUDE	0982538.4410W
LTP/FTP ELLIPSOIDAL HEIGHT	+03723
FPAP LATITUDE	452538.6790N
FPAP LONGITUDE	0982538.3120W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER EBA8AB9D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03968
FPAP ORTHOMETRIC HEIGHT	+03968



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> ABR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> ABERDEEN	<u>STATE</u> SD	<u>AIRPORT ELEVATION</u> 1302	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

**FROM** 083/30 CW 263/30 **TO** 083/15 CW 263/15

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
WINDMILL (38-020396)	455735.91N/0985814.65W	2608	500	50	5D	1000				AT192	3800
TERRAIN	455730.00N/0985815.00W	2247 (2200)								AS1500	3700

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

**FROM** 083/15 CW 263/15 **TO** FISPO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	454430.00N/0984703.00W	1713	215	8	4B	1000					2800
TERRAIN	454142.00N/0984624.00W	1496 (1500)								AS1500	3000

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



AIRPORT ID  
ABR

PROCEDURE NAME  
RNAV (GPS) RWY 17

AMDT NO.  
ORIG-A

CITY  
ABERDEEN

STATE  
SD

AIRPORT ELEVATION  
1302

FACILITY  
RNAV

**STRAIGHT-IN AREA**

**FROM**  
263/30 CW 083/30

**TO**  
263/15 CW 083/15

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WINDMILL (46-020417)	451455.47N/0975533.82W	2238	250	50	4D	1000				AT262	3500
TERRAIN	453806.00N/0990754.00W	1863 (1900)								AS1500	3400

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

**FROM**  
263/15 CW 083/15

**TO**  
FISPO

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (46-000005)	452528.00N/0983104.00W	1802	500	50	5D	1000					2900
TERRAIN	453803.00N/0984642.00W	1482 (1500)								AS1500	3000

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



**AIRPORT ID**  
ABR

**PROCEDURE NAME**  
RNAV (GPS) RWY 17

**AMDT NO.**  
ORIG-A

**CITY**  
ABERDEEN

**STATE**  
SD

**AIRPORT ELEVATION**  
1302

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
FISPO (IF/IAF)

**TO**  
ISISE

**RNP**  
1.00

**DISTANCE**  
6.10

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	453833.00N/0982806.00W	1575	215	8	4B	500				AT925	3000
TERRAIN	453754.00N/0982751.00W	1371 (1400)								AS1500	2900

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**FINAL: LPV**

**FROM**  
ISISE

**TO**  
RW17

**RNP**  
0.30

**DISTANCE**  
5.21

**PAT**

**MAP**  
DA

**HAT**  
200

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				1502

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
ABR

**PROCEDURE NAME**  
RNAV (GPS) RWY 17

**AMDT NO.**  
ORIG-A

**CITY**  
ABERDEEN

**STATE**  
SD

**AIRPORT ELEVATION**  
1302

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM** ISISE **TO** RW17

**RNP** 0.30 **DISTANCE** 5.21 **PAT** **MAP** DA **HAT** 322 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WATER_TOWER (46-042809)	452720.91N/0982448.26W	1410	20	3	1A	161				DG53	1624

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM** ISISE **TO** SCAMP/2.10 NM TO RW17

**RNP** 0.30 **DISTANCE** 3.11 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	453230.00N/0982715.00W	1519	215	8	4B	250				RA220	2000

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**FINAL: LNAV STEPDOWN**

**FROM** SCAMP/2.10 NM TO RW17 **TO** RW17

**RNP** 0.30 **DISTANCE** 2.10 **PAT** **MAP** RW17 **HAT** 418 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (46-040439)	452842.37N/0982503.62W	1460	50	20	2C	250					1720

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
ABR

**PROCEDURE NAME**  
RNAV (GPS) RWY 17

**AMDT NO.**  
ORIG-A

**CITY**  
ABERDEEN

**STATE**  
SD

**AIRPORT ELEVATION**  
1302

**FACILITY**  
RNAV

**HOLD-IN-LIEU OF PT**

**FROM**  
FISPO **TO**  
P-5

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
P-5

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (46-020167)	454556.27N/0982926.80W	1689	20	3	1A	1000				AT311	3000
TERRAIN	454745.00N/0982406.00W	1427 (1400)								AS1500	2900

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
GOLUY

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30 1337

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER	452422.88N/0982710.53W	1623	250	50	4D	1000					2700
TERRAIN	451815.00N/0982827.00W	1322 (1300)								AS1500	2800

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
ABR

**PROCEDURE NAME**  
RNAV (GPS) RWY 17

**AMDT NO.**  
ORIG-A

**CITY**  
ABERDEEN

**STATE**  
SD

**AIRPORT ELEVATION**  
1302

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
GOLUY

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
1463

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER	452422.88N/0982710.53W	1623	250	50	4D	1000					2700
TERRAIN	451815.00N/0982827.00W	1322 (1300)								AS1500	2800

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

**FROM**  
RW17 **TO**  
GOLUY

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
1620

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER	452422.88N/0982710.53W	1623	250	50	4D	1000					2700
TERRAIN	451815.00N/0982827.00W	1322 (1300)								AS1500	2800

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**





**AIRPORT ID**  
ABR

**PROCEDURE NAME**  
RNAV (GPS) RWY 17

**AMDT NO.**  
ORIG-A

**CITY**  
ABERDEEN

**STATE**  
SD

**AIRPORT ELEVATION**  
1302

**FACILITY**  
RNAV

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW13 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	
RW17 - REIL (PCL), MIRL (PCL), PAPI-4R (PCL)	PIR-G	
RW31 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	
RW35 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	PIR-G	

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
1301.8

**TCH**  
40.0

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
3.00

**TCH**  
40.0

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**  
-22C

**CRITICAL HIGH**  
+54C

**ACT**  
-29C

**APT ISA**  
+12.42C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2011-2015).  
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.  
DESCENT RATE (FPM): STANDARD TEMP 972 HIGH TEMP 1283.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGS PENETRATIONS: 1304 MSL LIGHTING (46-042939) AND (46-042873) ARE AIRPORT LIGHTING AND WERE IGNORED IN TARGETS REFERENCE SOFTWARE.

100 FT VEGETATION HEIGHT PER FPT.

FOR CONTINGENCY PURPOSES:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATY ALTIMETER SETTING AND INCREASE LPV DA TO 1709 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1831 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 220 FEET AND LNAV VISIBILITY CAT C/D 5/8 SM, AND CIRCLING VISIBILITY CAT C/D 3/4 SM.

BARO-VNAV AND VDP NA WHEN USING ATY ALTIMETER SETTING.  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
ABR

PROCEDURE NAME  
RNAV (GPS) RWY 17

AMDT NO.  
ORIG-A

CITY  
ABERDEEN

STATE  
SD

AIRPORT ELEVATION  
1302

FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	3.01
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	179.94
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	1300
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.81
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.76
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	179.94
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	1300

**THRESHOLD COORDINATES (IF STR-IN)** 452707.76N/0982538.44W  
**ARP COORDINATES** 452648.47N/0982520.79W  
**RUNWAY APCH END AND DIST FURTHEST FROM ARP** RUNWAY 31 DISTANCE 0.64 NM  
**FAF COORDINATES** 453220.32N/0982538.88W  
**FIX NAME COORDINATES**

**REMARKS**

TAA UTILIZES 30 NM RADIUS.

TAA STRAIGHT IN: 083/30 CW 263/30 TO 083/15 CW 263/15; 083/15 CW 263/15 TO FISPO; 263/30 CW 083/30 TO 263/15 CW 083/15; 263/15 CW 083/15 TO FISPO

**PART E: PREPARED BY**

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA (HOPE N. DENTON)	AJV-A432	12/29/2025	AERONAUTICAL INFORMATION SPECIALIST

